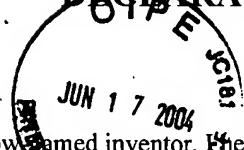


DECLARATION FOR ORIGINAL U.S. PATENT APPLICATION



Attorney's Docket No. UCALP020/B03-085

As a below-named inventor, I hereby declare that:

My residence, permanent address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **FLUID CONTROL STRUCTURES IN MICROFLUIDIC DEVICES**, the specification of which,

(check one)

1. is attached hereto.

2. was filed on December 29, 2003 as
U.S. Application No. 10/750,533
and was amended on _____.

3. was filed on _____ as
International PCT Application Serial No. _____
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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR §1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

		Priority Benefits Claimed?
(Appl. No.)	(Country)	Yes <input type="checkbox"/> No <input type="checkbox"/>
		(Date Filed- Day/Month/Year)
(Appl. No.)	(Country)	Yes <input type="checkbox"/> No <input type="checkbox"/>

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

<u>60/437,262</u> (Application No.)	<u>12/30/02</u> (Filing Date)
<u>60/475,013</u> (Application No.)	<u>05/30/03</u> (Filing Date)

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Send Correspondence To:

Customer Number: 022434

022434

Direct Telephone Calls To:

William J. Egan, III at (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

First Inventor: Richard A. Mathies

Citizenship: U.S.A.

Inventor's signature: Richard A. Mathies

Date of Signature: April 28, 2004

Residence: (City) Moraga

(State/Country) CA

Post Office Address: 93 Danefield Place, Moraga, CA 94556

Full Name of Second Joint

Inventor (if any): William H. Grover

Citizenship: U.S.A.

Inventor's signature: William H. Grover

Date of Signature: April 28, 2004

Residence: (City) Berkeley

(State/Country) CA

Post Office Address: 2214 Channing Way, #1, Berkeley, CA 94704

Full Name of Third Joint

Inventor (if any): Brian Paegel

Citizenship: U.S.A.

Inventor's signature: _____

Date of Signature: _____

Residence: (City) Berkeley

(State/Country) CA

Post Office Address: 4747 Hamilton Street, #10, San Diego, CA 92116

Full Name of Fourth Joint

Inventor (if any): Alison Skelley

Citizenship: Canada

Inventor's signature: Alison Skelley

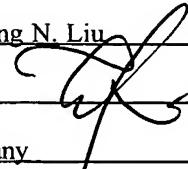
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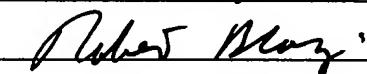
Residence: (City) Berkeley

(State/Country) CA

Post Office Address: 1771 Highland Place, #204, Berkeley, CA 94709

Inventor (if any): Eric Lagally Citizenship: U.S.A.
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Oakland (State/Country) CA
Post Office Address: 483 Fairbanks Avenue, Oakland, CA 94610

Full Name of Sixth Joint Inventor (if any): Chung N. Liu Citizenship: Hong Kong (SAR)
Inventor's signature:  Date of Signature: April 28, 2004
Residence: (City) Albany (State/Country) CA
Post Office Address: 1070 Jackson Street, #710, Albany, CA 94706

Full Name of Seventh Joint Inventor (if any): Robert Blazej Citizenship: U.S.A.
Inventor's signature:  Date of Signature: 04-28-04
Residence: (City) Berkeley (State/Country) CA
Post Office Address: 2940 Claremont Avenue, #4, Berkeley, CA 94705

DECLARATION FOR ORIGINAL U.S. PATENT APPLICATION



Attorney's Docket No. UCALP020/B03-085

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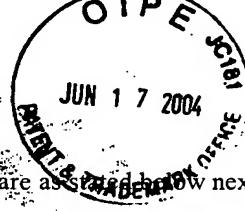
Full Name of Fifth Joint Inventor (if any): Eric Lagally Citizenship: U.S.A.
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Oakland (State/Country) CA
Post Office Address: 483 Fairbanks Avenue, Oakland, CA 94610

Full Name of Sixth Joint Inventor (if any): Chung N. Liu Citizenship: Hong Kong (SAR)
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Albany (State/Country) CA
Post Office Address: 1070 Jackson Street, #710, Albany, CA 94706

Full Name of Seventh Joint Inventor (if any): Robert Blazej Citizenship: U.S.A.
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Berkeley (State/Country) CA
Post Office Address: 2940 Claremont Avenue, #4, Berkeley, CA 94705

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Typewritten Full Name of

First Inventor: Richard A. Mathies

Citizenship: U.S.A.

Inventor's signature:

Date of Signature:

Residence: (City) Moraga

(State/Country) CA

Post Office Address: 93 Danefield Place, Moraga, CA 94556

Full Name of Second Joint

Inventor (if any): William H. Grover

Citizenship: U.S.A.

Inventor's signature:

Date of Signature:

Residence: (City) Berkeley

(State/Country) CA

Post Office Address:

2214 Channing Way, #1, Berkeley, CA 94704

Full Name of Third Joint

Inventor (if any): Brian Paegel

Citizenship: U.S.A.

Inventor's signature:

Date of Signature:

Residence: (City) Berkeley

(State/Country) CA

Post Office Address:

4747 Hamilton Street, #10, San Diego, CA 92116

Full Name of Fourth Joint

Inventor (if any): Alison Skelley

Citizenship: Canada

Inventor's signature:

Date of Signature:

Residence: (City) Berkeley

(State/Country) CA

Post Office Address:

1771 Highland Place, #204, Berkeley, CA 94709

Full Name of Fifth Joint Inventor (if any): Eric Lagally Citizenship: U.S.A.
Inventor's signature: Eric Lagally Date of Signature: 5/3/04
Residence: (City) Oakland (State/Country) CA
Post Office Address: 483 Fairbanks Avenue, Oakland, CA 94610 2727 Miradero Drive #208
Santa Barbara, CA 93105

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